



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2001134672 A

(43) Date of publication of application: 18.05.01

(51) Int. CI

G06F 17/60
B41J 29/00
B41J 29/38
G06K 17/00
G06K 19/00
G09C 5/00
H04L 9/32
H04N 1/387

(21) Application number: 11311930

(22) Date of filing: 02.11.99

(71) Applicant HITACHI LTD

(72) Inventor: NIIIE MANABU
SHIOTANI MAKOTO
SANO KOICHI
FURUKAWA TATSUO

(54) PRINTED MATTER ISSUE MANAGING SYSTEM

(57) Abstract:

PROBLEM TO BE SOLVED: To eliminate necessity to connect a printed matter verifying device online with a server for judging the truth/false or validity/invalidity of printed matter in order to place the verification information of the printed matter on the side of the server in a printed matter issue managing system for discriminating the truth/false of the issued printed matter while using the printed matter verifying device.

SOLUTION: This system uses the electronic sheet of a print recording medium, in which a data carrier mechanism capable of printing on a surface and electronic read/write with no contact is integrated, the printed matter verifying device previously storing the same verify key as the certify key of an IC chip held by a printed matter issue server and a decode key capable of decoding data enciphered while using an encipher key held by the printed matter issue server or the like. The printed matter verifying device can read the contents of the IC chip out of the electronic sheet written in the IC

chip while using the proper certify key. But it can not read the contents of the IC chip out of the electronic sheet written in the IC chip while using an erroneous illegal certify key.

COPYRIGHT: (C)2001,JPO

